

MINUTES

SUSTAINABILITY ADVISORY BOARD MEETING

**CITY HALL, ADA CONFERENCE ROOM
525 ANGELA STREET**

THURSDAY, MAY 6th , 2010

A regular meeting of the Sustainability Advisory Board of the City of Key West, Florida, was held in ADA Conference Room, City Hall, 525 Angela Street, on Thursday, May 6th, 2010.

Chairman Williams called the meeting to order at 5:21P.M.

Answering roll call were Board Members Mia Castillo, David Lybrand, Richard Puente, Dr. Ross Williams and Emil Oesterling.

Board Member (s) Michael Larson, Amanda Lopez, Sandito Santiago were absent.

Also present were Assistant City Attorney Ron Ramsingh and Annalise Mannix.

APPROVAL OF AGENDA:

May 6th, 2010

It was moved by Emil Oesterling and seconded by David Lybrand to approve the Agenda from The Sustainability Advisory Board held on May 6th, 2010.

APPROVAL OF MINUTES:

March 4th, 2010

It was moved by Mia Castillo and seconded by Richard Puente to approve the Minutes from The Sustainability Advisory Board held on March 4th, 2010.

REPORTS

A. Environmental Program Managers Report- Annalise Mannix

- January the EPA will announce new rules for water quality around the island they just approved rules for inland estuaries that are very strict. This will help clean up the water in the Gulf which taints the water in Key West. Staff has begun to work with the County to formulate a lobbying effort at the State and Federal Level to propose the use of the Florida Keys Reasonable Assurance Document (FKRAD). This document states that the contamination that leaves Key West should have a set of deliverables that we implement instead of a nutrient numeric standard.
- Sustainability Board update let the City Commission know about ordinances
- Climate Action Plan met with all the directors too schedule there resources and there timing for all the Key components of the Climate Action Plan. We have added some money into the budget for the Climate Action Plan.
- Southeast Regional Climate Plan are planning to have a summit in October
- Recycling Committee held a community effort on April 17th, 2010 to educate people on recycling information and there was not a good turn out.
- Adaptation Planning Steering Committee met with 53 people and 7 sub committees are working on the plan. The groups will make recommendations for 9 inch, 18 inch and 36 inch sea level rise.
- We submitted the 2011 budget this week we have requested funds to LED parking garage, install 6 electric car charging stations, upgrade bike/pedestrian infrastructure, install bike closets, and implement a bike loan program at Lower Keys Shuttle stops in Key West.

- Also the City of Key West is working with Keys Energy Services to purchase 25 LED lights for a trial area on Pine and Olivia Streets in the Meadows.

B. Report on Selling Fresh Water to the FCAA- Annalise Mannix

Our water resources adaptation group has been working on this. The city has about 2 million gallons of water that it could add to our water supply. If we lost the wells we would have only 6 million gallons a day from a plant and then we would have about 2 million gallons from our borrowed plant on Stock Island. We would have about 12 million in reserves. On average people in Key West use about 17 million gallons. We looked yesterday and it is a lot cheaper to pump water into our system then to use reuse the water. Right now we are looking at about a year or two of negotiating before we start this project.

DISCUSSION AND ACTION ITEMS:

A. Discuss and Appoint a member to be a liaison with the new solid waste consultant- Dr. Ross Williams

Dr. Ross Williams said that he will be willing to be the liaison with the new solid waste consultant.

It was moved by David Lybrand and seconded by Emil Oesterling to appoint Dr. Ross Williams as the Liaison to the Solid Waste Consultant

B. Continue discussion on the City Commission resolution for cool roofs on City Buildings- Dr. Ross Williams

David Lybrand asked about the issue that the city did not want to talk about it until after the HARC Meeting and what is the next step. Ronald Ramsingh the City Attorney stated that they are related and that the City of Key West has to go through the permitting process the

same as citizens when doing work in the HARC District. Mr. Ramsingh stated that if we wanted to place resolution that has already been passed on the agenda and he will ask Shawn if it can go on the next agenda.

C. Discuss White Roof Presentation to HARC- Dr. Ross Williams

There is a lot of information to present to the board. Dr. Ross Williams stated that he is going to go through the objections that were raised by the Board Member and the audience and go through a point by point presentation on those issues and go to each commissioner personally. Emil Oesterling stated that it did not come across to the HARC Board member that this was not a requirement that it was an option also there was mention about other options of paint but after researching the paints online that they do not meet Florida Building Code and would not be an allowable use here. Emil talked about the reflectivity of the roofs and the angle of the sun in Key West is 80 degrees so the reflectivity will not affect the other people in the neighborhood which was a concern of the Board.

Michael Larson and Dr. Ross Williams had a question for the attorney asking since we have already discussed all issues in the board would it be okay if Michael and Dr. Ross got together and meet with the Commissioners regarding the HARC issues? Mr. Ramsingh stated that in the Black Letter of the law he does not see this as an issue but there is always perception of other people. Annalise Mannix mentioned that they could hold a workshop meeting to discuss the items and we could advertise the meeting that way they can discuss the issues safely. David Lybrand asked if there is anyway to talk between meetings with each other without offending the sunshine law. Mr. Ramsingh stated that he will talk to Shawn Smith and get back to the board. Mr. Ramsingh stated that it is possible that the City

Commission may push the resolution back to the board for review so it would be better to hold a workshop to discuss the resolution. Mr. Ramsingh stated that they could issue a statement of intent and then push through the resolution once the HARC board has come to an agreement on white roofs.

Dr. Ross Williams stated that he may want to submit the white roofs as a statement of intent instead of a resolution right off hand and would like some time to think about it.

Tabled to next meeting on June 3rd, 2010

D. Car Congestion and Parking in Key West- Michael Larson

Tabled to next meeting on June 3rd, 2010

E. Discussion and Voting of lighting on North Roosevelt Blvd- Annalise Mannix

We had voted on the resolution in February asking the city to write a letter to the DOT. The FDOT let Annalise know that they have been working on LED lighting and wanted a pilot project for the LED lighting. They showed interest in talking to the project manager to ask about doing the pilot project down here on N. Roosevelt blvd project. We have modified the original resolution to state that we would like the DOT to do a pilot project down here on N. Roosevelt Blvd. LED's have a uniform lighting so that the lighting will be better placed and there will be no wasted lighting.

Also there has been discussion with Keys Energy Services to start a pilot project on Pine and Olivia Street for LED light where Keys Energy will provide the lighting. We are in discussion though as to the maintenance of the lighting. Richard Puente asked if there is money allocated from the budget to help with the pilot project? Annalise stated that we can

lease the LED lights from the manufacturers and the payback is in 4.5 years. The actual electric bills will be 2/3 less.

Motion moved by Mia Castillo and seconded by Emil Oesterling to recommend that the City Commission request the FDOT District 6 Office to specify LED lighting as the method to provide street lighting on N. Roosevelt Blvd and request that prototype solar be approved for use on state roads (S. Roosevelt) and the City of Key West initiate the LED lighting pilot project on Pine and Olivia Street.

F. Discussion on composting at the Horse Stables- Emil Oesterling

Tabled to next meeting on June 3rd, 2010

G. Discussion in interest of fertilizer ordinance- Dr. Ross Williams

A lot of cities around the countries are banning fertilizer in the rainy season due to runoff in the lakes and oceans. Dr. Ross Williams has learned that it does not affect the environment down here. Will not pursue for now

H. High School Students update- Amanda Lopez and Sandito Santiago

Currently the class is doing physics so they have not been working on the projects. They have been working on painting the buildings with cool roof technology. They have also just received a \$100,000.00 grant. They are planning on using the grant money to buy the solar panels. There have been a few colleges down to talk to the classroom because they would like to use the teachings in the class as a college course.

TOPICS FOR SUBSEQUENT MEETINGS:

MEETING ADJOURNED

Motion moved to Adjourn meeting by Mia Castillo seconded by Richard Puente.

ADJOURNMENT:

There being no further business the Chairman adjourned the meeting at 6:36 p.m.

Jamie Baker, Clerk of the Board,
Executive Assistant